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☐ 1. Document ID: US 20080001600 A1

L29: Entry 1 of 22

File: PGPB

Jan 3, 2008

PGPUB-DOCUMENT-NUMBER: 20080001600

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20080001600 A1

TITLE: METHODS FOR MEASUREMENT OF MAGNETIC RESONANCE SIGNAL

PERTURBATIONS

PUBLICATION-DATE: January 3, 2008

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

deCharms; Richard Christopher Montara CA US

US-CL-CURRENT: 324/309

Full Title Citation Front Review Classification Date Reference Sequences
Attachments Claims KMC Draw Desc Image

☐ 2. Document ID: US 20070276221 A1

L29: Entry 2 of 22

File: PGPB

Nov 29, 2007

PGPUB-DOCUMENT-NUMBER: 20070276221

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070276221 A1

TITLE: Prescan for optimization of mri scan parameters

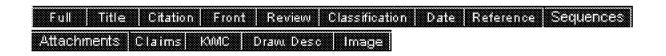
PUBLICATION-DATE: November 29, 2007

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Warntjes; Jan Bertus Marten Eindhoven NL

US-CL-CURRENT: 600/410



☐ 3. Document ID: US 20060006867 A1

L29: Entry 3 of 22 File: PGPB

Jan 12, 2006

PGPUB-DOCUMENT-NUMBER: 20060006867

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060006867 A1

TITLE: Magnetic resonance imaging apparatus and method

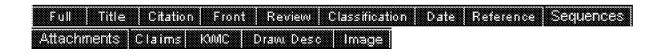
PUBLICATION-DATE: January 12, 2006

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Van Den Brink; Johan Samuel Eindhoven NL

US-CL-CURRENT: 324/318; 324/309



☐ 4. Document ID: US 20050033154 A1

L29: Entry 4 of 22 File: PGPB Feb 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050033154

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050033154 A1

TITLE: Methods for measurement of magnetic resonance signal

perturbations

PUBLICATION-DATE: February 10, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

deCharms, Richard Christopher Montara CA US

US-CL-CURRENT: 600/410



☐ 5. Document ID: US 20040167803 A1

L29: Entry 5 of 22

File: PGPB

Aug 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040167803

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040167803 A1

TITLE: Automatic coil selection of multi-receiver MR data using fast

prescan data analysis

PUBLICATION-DATE: August 26, 2004

NAME	CITY	STATE	COUNTRY
Ma, Jingfei	Waukesha	WI	US
Tan, Guosheng	Waukesha	WI	US

US-CL-CURRENT: 705/2

Full Title Citation Front Review Classification Date Reference Sequences
Attachments Claims KWC Draw Desc Image

☐ 6. Document ID: US 20040165757 A1

L29: Entry 6 of 22

File: PGPB

Aug 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040165757

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040165757 A1

TITLE: Adaptive data differentiation and selection from multi-coil

receiver to reduce artifacts in reconstruction

PUBLICATION-DATE: August 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ma, Jingfei	Waukesha	WI	US
Tan, Guosheng	Waukesha	WΙ	US

US-CL-CURRENT: 382/131

Full Title Citation Front Review Classification Date Reference Sequences
Attachments Claims KWC Draw Desc Image

☐ 7. Document ID: US 20040155652 A1

L29: Entry 7 of 22

File: PGPB

Aug 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040155652

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040155652 A1

TITLE: Parallel <u>magnetic resonance</u> imaging techniques using

radiofrequency coil arrays

PUBLICATION-DATE: August 12, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Sodickson, Daniel K. Newton MA US

US-CL-CURRENT: 324/307; 324/309

Full Title Citation Front Review Classification Date Reference Sequences
Attachments Claims KWIC Draw Desc Image

□ 8. Document ID: US 20040135579 A1

L29: Entry 8 of 22 Jul 15, 2004 File: PGPB

PGPUB-DOCUMENT-NUMBER: 20040135579

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040135579 A1

TITLE: Magnetic resonance imaging apparatus and method

PUBLICATION-DATE: July 15, 2004

INVENTOR-INFORMATION:

CITY S	STATE	COUNTRY
Chiba		JP
Saitama		JP
Tokyo		JP
Tokyo		JP
	Chiba Saitama Tokyo	Chiba Saitama Tokyo

US-CL-CURRENT: 324/309; 324/307, 324/318

Full Title Citation Front Review Classification Date Reference Sequences
Attachments Claims RMC Draw Desc Image

☐ 9. Document ID: US 20040070394 A1

L29: Entry 9 of 22

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040070394

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040070394 A1

TITLE: Parallel mr imaging using high-precision coil sensitivity map

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Gonzalez Ballester, Miguel Angel Nice FR

Machida, Yoshio Nasu-Gun JP

US-CL-CURRENT: 324/307; 324/309

Full Title Citation Front Review Classification Date Reference Sequences
Attachments Claims KMC Draw Desc Image

☐ 10. Document ID: US 20020186870 A1

L29: Entry 10 of 22

File: PGPB

Dec 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020186870

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020186870 A1

TITLE: Automatic coil selection of multi-receiver MR data using fast

prescan data analysis

PUBLICATION-DATE: December 12, 2002

NAME CITY STATE COUNTRY
Ma, Jingfei Waukesha WI US

Tan, Guosheng Waukesha WI US

US-CL-CURRENT: 382/131; 382/282

Full Title Citation Front Review Classification Date Reference Sequences
Attachments Claims KMC Draw Desc Image

☐ 11. Document ID: US 20020181753 A1

L29: Entry 11 of 22 File: PGPB Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020181753

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020181753 A1

TITLE: Adaptive data differentiation and selection from multi-coil receiver to reduce artifacts in reconstruction

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Ma, Jingfei Waukesha WI US Tan, Guosheng Waukesha WI US

US-CL-CURRENT: 382/131

Full Title Citation Front Review Classification Date Reference Sequences
Attachments Claims KWC Draw Desc Image

☐ 12. Document ID: US 20020158632 A1

L29: Entry 12 of 22

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020158632

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020158632 A1

TITLE: Parallel magnetic resonance imaging techniques using

radiofrequency coil arrays

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Sodickson MD Ph.D., Daniel K. Cambridge MA US

US-CL-CURRENT: 324/307; 324/309, 324/318

Full Title Citation Front Review Classification Date Reference Sequences
Attachments Claims KMC Draw Desc Image

☐ 13. Document ID: US 7157910 B2

L29: Entry 13 of 22 File: USPT

Jan 2, 2007

US-PAT-NO: 7157910

DOCUMENT-IDENTIFIER: US 7157910 B2

TITLE: Magnetic resonance imaging apparatus and method

DATE-ISSUED: January 2, 2007

PRIOR-PUBLICATION:

DOC-ID DATE

US 20060006867 A1 January 12, 2006

NAME CITY STATE ZIP CODE COUNTRY

Van Den Brink; Johan Samuel Eindhoven NL

US-CL-CURRENT: <u>324/318</u>; <u>324/309</u>



☐ 14. Document ID: US 6990223 B2

L29: Entry 14 of 22 File: USPT Jan 24, 2006

US-PAT-NO: 6990223

DOCUMENT-IDENTIFIER: US 6990223 B2

** See image for <u>Certificate of Correction</u> **

TITLE: Adaptive data differentiation and selection from multi-coil receiver to reduce artifacts in reconstruction

DATE-ISSUED: January 24, 2006

PRIOR-PUBLICATION:

DOC-ID DATE

US 20040165757 A1 August 26, 2004

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Ma; Jingfei Waukesha WI US Tan; Guosheng Waukesha WI US

US-CL-CURRENT: 382/131; 324/309, 382/274, 382/284, 600/13, 600/422



☐ 15. Document ID: US 6965232 B2

L29: Entry 15 of 22

File: USPT

Nov 15, 2005

Nov 1, 2005

US-PAT-NO: 6965232

DOCUMENT-IDENTIFIER: US 6965232 B2

TITLE: Parallel <u>magnetic resonance</u> imaging techniques using

radiofrequency coil arrays

DATE-ISSUED: November 15, 2005

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Sodickson; Daniel K. Newton MA

US-CL-CURRENT: 324/307; 324/309, 324/318, 600/410



☐ 16. Document ID: US 6961455 B2

L29: Entry 16 of 22

US-PAT-NO: 6961455

DOCUMENT-IDENTIFIER: US 6961455 B2

** See image for Certificate of Correction **

TITLE: Automatic <u>coil</u> selection of multi-receiver MR data using fast

File: USPT

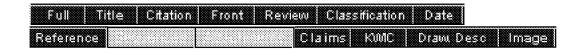
prescan data analysis

DATE-ISSUED: November 1, 2005

NAME CITY STATE ZIP CODE COUNTRY

Ma; Jingfei Waukesha WI Tan; Guosheng Waukesha WI

US-CL-CURRENT: 382/131; 324/309, 382/274



☐ 17. Document ID: US 6949928 B2

L29: Entry 17 of 22 File: USPT Sep 27, 2005

US-PAT-NO: 6949928

DOCUMENT-IDENTIFIER: US 6949928 B2

TITLE: Parallel MR imaging using high-precision coil sensitivity map

DATE-ISSUED: September 27, 2005

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Gonzalez Ballester; Miguel Angel Nice FR Machida; Yoshio Tochigi JP

US-CL-CURRENT: 324/307; 324/309, 324/318



☐ 18. Document ID: US 6876201 B2

L29: Entry 18 of 22 File: USPT

Apr 5, 2005

US-PAT-NO: 6876201

DOCUMENT-IDENTIFIER: US 6876201 B2

TITLE: Magnetic resonance imaging apparatus and method

DATE-ISSUED: April 5, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takizawa; Masahiro	Chiba			JP
Takahashi; Tetsuhiko	Saitama			JP
Ochi; Hisaaki	Tokyo			JP
Taniguchi; Yo	Tokyo			JP

US-CL-CURRENT: 324/318; 324/319

Full Title Citation Front Review Classification Date	
Reference Claims KMC Draw.	Desc Image

☐ 19. Document ID: US 6738501 B2

L29: Entry 19 of 22

File: USPT May 18, 2004

US-PAT-NO: 6738501

DOCUMENT-IDENTIFIER: US 6738501 B2

** See image for Certificate of Correction **

TITLE: Adaptive data differentiation and selection from multi-coil receiver to reduce artifacts in reconstruction

DATE-ISSUED: May 18, 2004

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Ma; Jingfei Waukesha WI Tan; Guosheng Waukesha WI

US-CL-CURRENT: 382/131; 324/309, 382/172, 382/270, 382/274, 600/410



☐ 20. Document ID: US 6724923 B2

L29: Entry 20 of 22

File: USPT

Apr 20, 2004

US-PAT-NO: 6724923

DOCUMENT-IDENTIFIER: US 6724923 B2

TITLE: Automatic coil selection of multi-receiver MR data using fast

prescan data analysis

DATE-ISSUED: April 20, 2004

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Ma; Jingfei Waukesha WI Tan; Guosheng Waukesha WI

US-CL-CURRENT: 382/131; 382/132, 382/218, 382/264, 382/274, 600/410

Full Title Citation	Front Review Classification Date
Reference	Claims KMC Draw Desc Image

☐ 21. Document ID: US 6717406 B2

L29: Entry 21 of 22

File: USPT

Apr 6, 2004

US-PAT-NO: 6717406

DOCUMENT-IDENTIFIER: US 6717406 B2

TITLE: Parallel <u>magnetic resonance</u> imaging techniques using

radiofrequency coil arrays

DATE-ISSUED: April 6, 2004

NAME CITY STATE ZIP CODE COUNTRY

Sodickson; Daniel K. Newton MA

US-CL-CURRENT: <u>324/307</u>; <u>324/309</u>, <u>324/318</u>



☐ 22. Document ID: US 6289232 B1

L29: Entry 22 of 22 File: USPT Sep 11, 2001

US-PAT-NO: 6289232

DOCUMENT-IDENTIFIER: US 6289232 B1

TITLE: Coil array autocalibration MR imaging

DATE-ISSUED: September 11, 2001

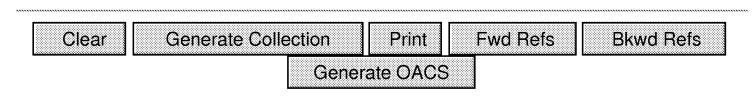
INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Jakob; Peter M. Brookline Village MA
Sodickson; Daniel K. Cambridge MA
Griswold; Mark Brookline MA

US-CL-CURRENT: 600/410; 324/307, 324/309, 324/318, 324/322, 600/422





Term Documents

OPTIMUM	878118
OPTIMUMS	874
OPTIMIZATION	179714
OPTIMISATION	13895
OPTIMISATIONS	502
OPTIMIZATIONS	13413
IDEAL	359667
IDEALS	674
IDEALLY	245944
IDEALLIES	0
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